

Converting Colors

CIELCh(54, 85.020, 353.791)

Have a look what the booklet for
CIELCh(54, 85.020, 353.791)
contains.

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Color

CIELCh(54, 85.009, 353.595)

Conversions

Conversions Part 1

Format	Color
Hex	F70194
RGB	247, 1, 148
RGB Percent	97%, 0%, 58%
CMY	0.0306, 0.9964, 0.4189
CMYK	0.00, 1.00, 0.40, 0.03
HSL	324°, 99%, 49%
HSV	324°, 100%, 97%
XYZ	43.8000, 21.9746, 30.0215
YIQ	91.3120, 99.4290, 97.8690

Conversions

Conversions Part 2

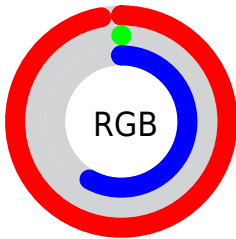
Format	Color
RYB	247, 1, 148
Decimal	16187796
CIELab	54.00, 84.48, -9.48
CIElCh	54, 85.009, 353.595
Yxy	21.9746, 0.4572, 0.2294
Android (android.graphics.Color)	4294377876 (0xFFFF70194)
YUV	91.3120, 27.9472, 136.5384
Hunter-Lab	46.8770, 84.7482, -5.1572

Details

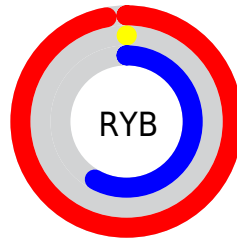
The CIELCh color **54, 85.009, 353.595** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **86, 96.225, 144.388**, and the grayscale version is **39, 0.005, 296.813**.

A 20% lighter version of the original color is **65, 73.384, 341.437**, and **40, 66.690, 359.429** is the 20% darker color. If you saturate the color by 10%, you get **54, 85.016, 353.712**, and if you desaturate by 10%, it is **55, 84.372, 350.617**.

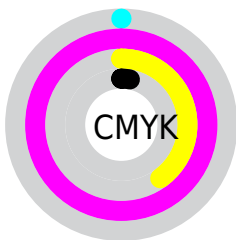
Distribution



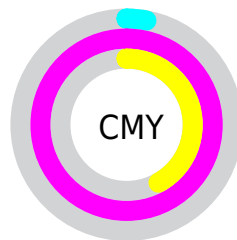
- Red (97%)
- Green (0%)
- Blue (58%)



- Red (97%)
- Yellow (0%)
- Blue (58%)



- Cyan (0%)
- Magenta (100%)
- Yellow (40%)
- Black (3%)





- Cyan (3%)
- Magenta (100%)
- Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 85.009, 353.595 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 54, 85.009, 353.595 by changing the saturation by 10% instead.


 54, 85.009,
353.595


 54, 85.009,
353.595


 100, 85.009,
353.595


 44, 85.009,
353.595


 74, 85.009,
353.595

 34, 85.009,
353.595

 84, 85.009,
353.595

 24, 85.009,
353.595

 94, 85.009,
353.595

 14, 85.009,
353.595

 4, 85.009, 353.595

 0, 85.009, 353.595

■ 54, 85.009,
353.595

■ 54, 85.009,
353.595

■ 54, 85.016,
353.712

■ 55, 84.372,
350.617

■ 57, 81.368,
348.199

■ 60, 75.674,
346.262

■ 64, 67.619,
344.680

■ 68, 57.776,
343.352

■ 74, 46.757,
342.206

■ 79, 35.088,
341.193

■ 85, 23.169,

340.277

■ 91, 11.274,
339.429

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



54, 85.009, 353.595



86, 96.225, 144.388

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54, 85.009, 353.595



54, 85.009, 43.595



54, 85.009, 173.595



54, 85.009, 223.595

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



54, 85.005, 353.596



81, 36.435, 341.233



37, 124.572, 309.692



41, 24.840, 341.649



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54, 85.005, 353.596



56, 87.013, 353.771



52, 97.553, 36.511



48, 6.602, 339.417



41, 68.916, 353.097



9, 31.462, 348.667

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



54, 85.005, 353.596



56, 87.013, 353.771



88, 53.834, 182.085



48, 6.602, 339.417



41, 68.916, 353.097



9, 31.462, 348.667

Previews

White Background



This preview shows how the CIELCh color 54, 85.009, 353.595 looks on a white background.

Color Contrast Check

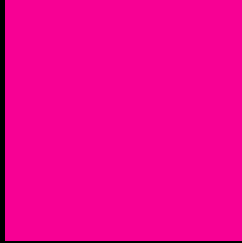
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 54, 85.009, 353.595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 85.009, 353.595

Background



This preview shows how black text looks on a background with the CIELCh color 54, 85.009, 353.595.



This preview shows how white text looks on a background with the CIELCh color 54, 85.009, 353.595.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

54, 84.938, 353.613

Protanopia

55, 49.048, 285.992

Deuteranopia

55, 7.728, 332.169



Tritanopia
54, 80.644, 32.268

Trichromacy



Original Color
54, 84.938, 353.613



Protanomaly
47, 65.256, 316.594



Deuteranomaly
49, 49.016, 343.071



Tritanomaly
53, 78.975, 17.180

Monochromacy



Original Color
54, 84.938, 353.613



Achromatopsia
39, 0.005, 296.813



Achromatomaly
39, 45.620, 344.426

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 85.009, 353.595 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(247, 1, 148)` looks like.

```
.text, #text, p{  
    color:rgb(247, 1, 148)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(247, 1, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 1, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 85.009, 353.595 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 1, 148) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(247, 1, 148) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(247, 1, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 1, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 1, 148);  
box-shadow:4px 4px 4px 4px rgb(247, 1,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 85.009, 353.595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 1, 148) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(247, 1,  
148) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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